

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

April 8, 1981

Mr. E. W. Guynn  
Geological Survey-Conservation Div.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Mr. Michael T. Minder  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Re: Proposed NGC # 42-23 Federal  
Sweetwater Canyon  
SE NE Section 23, T14S, R24E  
Uintah County, Utah

Gentlemen:

Enclosed are the following documents relating to drilling the above captioned well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Drilling Procedure
- 4) BOP and Pressure Containment Specifications
- 5) 13 Point Surface Use Plan

Your early consideration and approval of this application would be appreciated. Should you require additional information, please contact this office.

Sincerely,

*R. D. Dethlefsen*  
R. D. Dethlefsen  
Office Supervisor

/kh

Encls.

cc: Operations Supt.  
C. T. Clark  
E. R. Henry

RECEIVED

APR 13 1981

DIVISION OF  
OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-10133		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Natural Gas Corporation of California			7. UNIT AGREEMENT NAME Sweetwater Canyon		
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573			8. FARM OR LEASE NAME Federal		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1987' FNL, 776' FEL, SE NE Section 23, T14S, R24E At proposed prod. zone			9. WELL NO. 42-23		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 55 miles south of Vernal, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat Sweetwater Canyon		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 776'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T14S, R24E		
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Uintah		
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE Utah		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 8490'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7326' Ungr. GR			22. APPROX. DATE WORK WILL START* Summer 1981		

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20" new	.250 Wall line	pipe 40'	Cement to surface
12 1/4"	9-5/8" new	36# K55 STC	250'	150 sacks. <i>circ. to surf.</i>
8-3/4"	7" new	23#, K55 LTC	2700'	As required.
6-1/8"	4 1/2" new	11.6# N80 LTC	TD	As required.

Operator proposes to drill well to approximately 8500' to test the Dakota Silt formation. 7", 23.0#, K-55 intermediate casing will be run and cemented to protect the oil shale section of the Green River formation. All water flows and significant hydrocarbon shows will be evaluated and reported. The well will be operated according to the attached well program and all applicable regulations. Adequate BOP equipment will be maintained at all times as indicated in the attached Pressure Control Specifications. If commercial production is encountered, 4 1/2", 11.6#, N-80 production casing will be run and cemented to adequately protect all potentially productive intervals. No abnormal pressures or temperatures or other potential hazards are anticipated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R. D. Dethlefsen TITLE Office Supervisor DATE April 8, 1981  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; UT Div. OG&M; Operations Supt.; ERHenry; CTCIark

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE 6-10-81  
BY: M. S. Mandy

Natural Gas Corporation of California  
Sweetwater Canyon #42-23  
10 Point Drilling Procedure

1. Surface formation: Green River.

Estimated formation tops:	Elevation	Datum
Green River	Surface	7340' KB
Mesaverde	2405'	+4935'
Castlegate	4492'	+2848'
Mancos	4722'	+2618'
Mancos B	4852'	+2488'
Base of B	5992'	+1348'
Dakota Silt	8036'	- 696'
TD	8490'	-1150'

3. Anticipated producing formations: Mancos B - Dakota Silt.

4. Proposed casing program:

Hole Size	Casing Size	Weight/ft.	Setting Depth	Casing new/used
Surface-12-1/4"	9-5/8"	36#	250'	New
Intermediate-8-3/4"	7"	23.0# K-55	2700'	New
Production-6-1/8"	4-1/2"	11.6# N-80	TD	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 minutes prior to drilling and will be mechanically checked daily during drilling operations. ✓

6. Mud program will be fresh water base drilling mud from below surface casing to intermediate casing setting depth and a salt water mud system from below intermediate to total depth. Ample amount of weighting material will be maintained on location for emergencies.

Interval ft.	Mud Weight lbs/gal	Viscosity sec/qt	Fluid Loss ML/30 mins.	Mud Type
0-250	Air			
250-2700	8.4 - 8.8	27 - 29	No Control	Fresh Water
2700-TD	9.0 - 10.5	27 - 34	12 - 20 cc	Salt Water

7. Auxiliary equipment will include (1) upper kelly cock, (2) full opening stabbing valve, (3) 3000 psi choke manifold, (4) degasser. ✓

8. Testing, coring, sampling and logging:

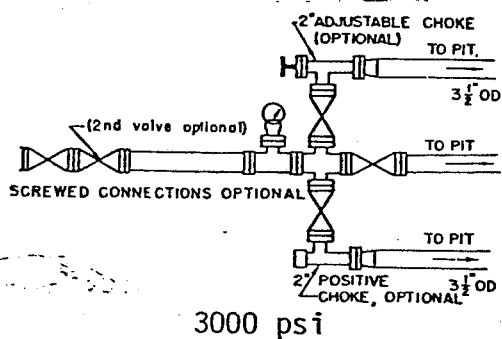
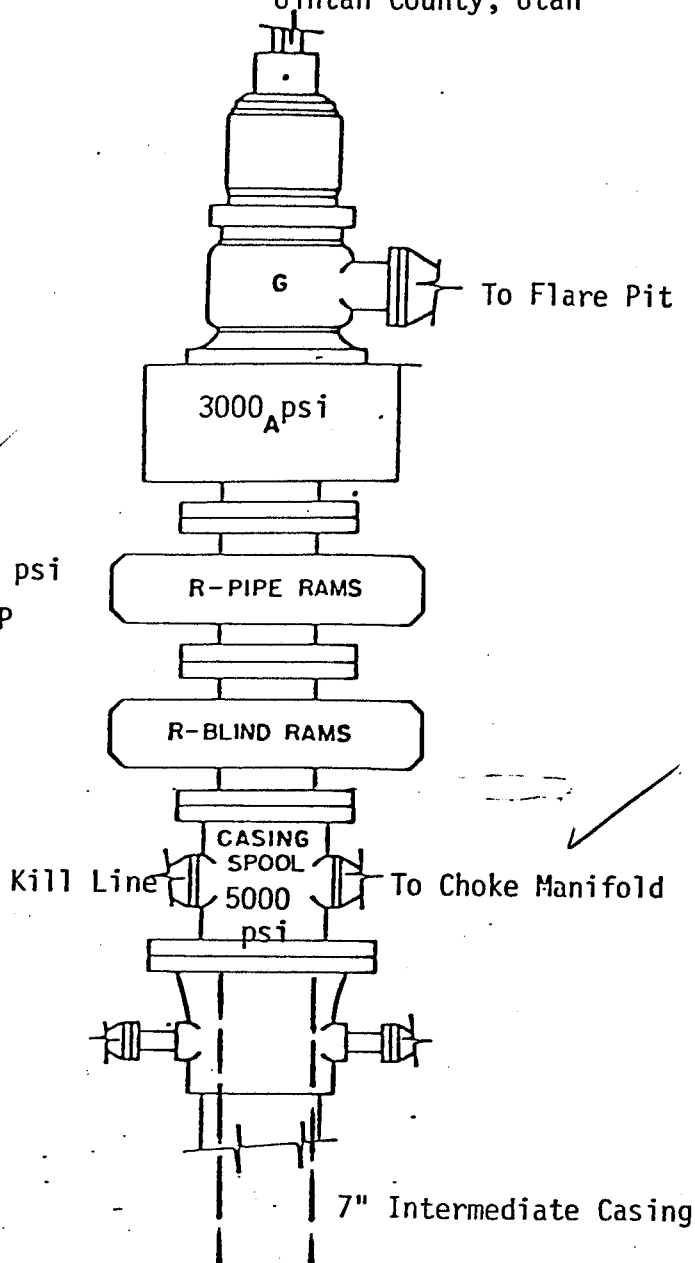
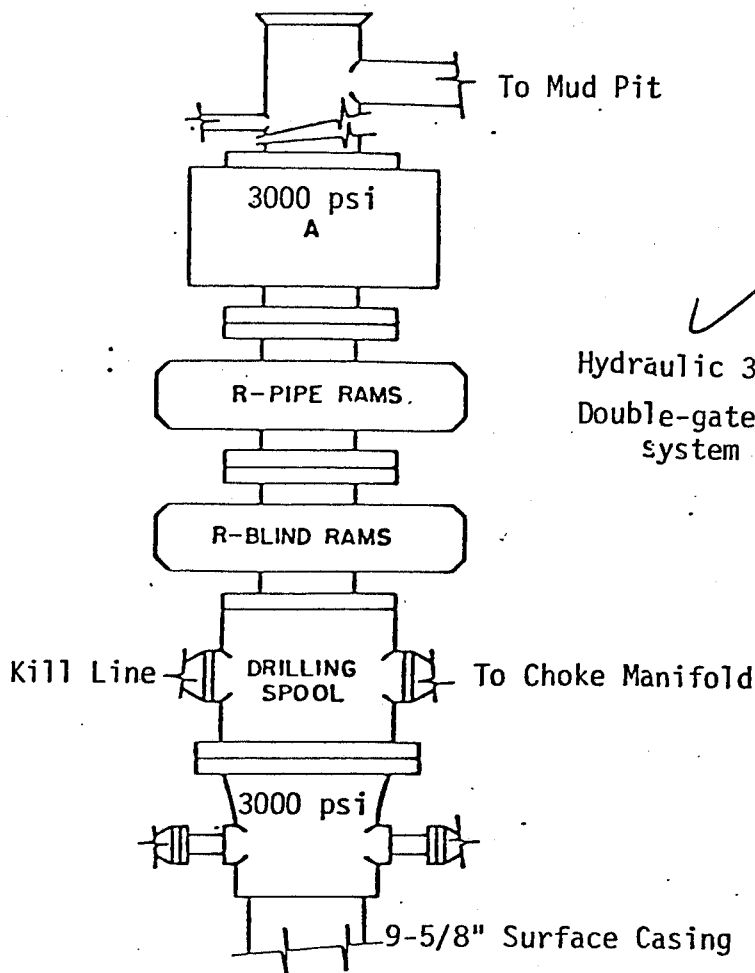
- Testing: no drillstem tests are anticipated.
- Coring: no coring is anticipated at this time.
- Sampling: Two sets of cutting samples will be collected by the drilling contractor at 10' intervals from the base of the surface casing to the base of the Green River shale. The second sample will be sent to the Bureau of Mines, Laramie, Wyoming. Below the shale one sample will be taken at 10' intervals to TD.
- Logging: 250-2700 Dual Induction-SFL, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.  
2700-TD Dual Induction Laterolog, Borehole Compensated Sonic and Compensated Formation Density-Neutron log.

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.

10. Drilling Schedule: Drilling will commence 7/15/81.  
Duration of operations - 30 days.

# BLOWOUT-PREVENTOR AND ACCESSORY EQUIPMENT

NGC #42-23 Federal  
Section 23, T14S, R21E  
Uintah County, Utah



CHOKE MANIFOLD

## Test Schedule

- 1) 10" BOP, choke manifold and 9-5/8" casing to 1000 psi on nipple up.
- 2) 10" BOP, choke manifold and 7" casing to 3000 psi.
- 3) All BOP equipment tested for operation daily and on bit trips.

NATURAL GAS CORP. OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

N.G.C. #42-23

Located In

Section 23, T14S, R24E, S.L.B. & M.

Uintah County, Utah

NATURAL GAS CORP. OF CALIFORNIA  
N.G.C. #42-23  
Section 23, T14S, R24E, S.L.B. & M.

1. EXISTING ROADS

See Attached Topographic Map "A".

To reach Natural Gas Corp., well location N.G.C. #42-23, located in the SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23, T14S, R24E, S.L.B. & M., Uintah County Utah, proceed West from Vernal, Utah along U.S. Highway 40 - 14 miles to the junction of this highway and Utah State Highway 88 that exists to the South. Proceed South along Utah State Highway 88 - 17.8 miles to Ouray, Utah. Proceed South from Ouray along the Uintah County Road (of which the first 12 miles is paved and the rest an improved dirt road), 38.2 miles to the junction of this road and a road to the Northeast; proceed Northeasterly along this improved dirt road 17.3 miles to the beginning of the proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to Ouray, Utah at which point the road is surfaced with native asphalt for approximately 12 miles, and then is improved dirt.

There will be no construction of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and the production phase of this well at such time that production is established.

The highways mentioned above are under Utah State jurisdiction and are maintained by State Road Crews. The County road is constructed of native asphalt (partially) and is maintained by County Road crews.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 23, T14S, R24E, S.L.B. & M. and proceeds in a Northerly direction approximately 400'  $\pm$  to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

The proposed access road will be an 18' crown road (9' either side of the centerline with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 $\frac{1}{2}$  to 1 slopes and terraced.

NATURAL GAS CORP. OF CALIFORNIA  
N.G.C. #42-23  
Section 23, T14S, R24E, S.L.B. & M.

2. PLANNED ACCESS ROAD - cont...

There will be no culverts required along this road.

There will be no turnouts required along this access road.

There are no fences encountered along this access road. There will be no gates or cattleguards required.

All lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. It is sparsely vegetated with sagebrush and grasses.

3. LOCATION OF EXISTING WELLS

There are no known water wells, producing wells, abandoned wells, disposal wells, drilling wells, shut in wells, injection, monitoring or observation wells, for other resources within a one mile radius of this location site.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no existing batteries, production facilities, gas gathering lines, injection or disposal lines within a one-mile radius of this location site belonging to Natural Gas Corp. of California.

In the event that production of oil from this well is established, then the existing area of the location well be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities if deemed necessary by the controlling agencies involved.

In the event that the production of natural gas is established then the necessary arrangements for a gas flowline will be made.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Item #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

The anticipated water supply for this location is from Ouray, Utah and will be hauled by truck the 55.5 miles over the roads discussed in Item #1 and #2.

5. LOCATION AND TYPE OF WATER SUPPLY - cont...

If this water source is not acceptable then the necessary arrangements will be made to acquire the water needed for the drilling and production of this well and all agencies involved will be notified of any changes.

All regulation and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

All appropriate permits will be acquired and submitted to the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Land Fill.

A portable chemical toilet will be supplied for human waste.



NATURAL GAS CORP. OF CALIFORNIA  
N.G.C. #42-23  
Section 23, T14S, R24E, S.L.B. & M.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pit will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet & Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 5' of cover.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access road shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Item #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area (See Topographic Map "A").

The terrain of the general area slopes from the rim of the Book Cliff Mountains to the North to the Colorado River to the South and is a portion of the East Tavaputs Plateau.

NATURAL GAS CORP. OF CALIFORNIA  
N.G.C. #42-23  
Section 23, T14S, R24E, S.L.B. & M.

11. OTHER INFORMATION - cont...

The area is interlaced with numerous ridges and canyons formed by non-perennial streams and washes. The sides of the hills and canyons are rather steep and outcrops of sandstones, conglomerates, and shale deposits, are common in the area forming ledges and cliffs along the sides of the canyons,

The visible geologic structures in the area are of the Tuscher Formation Tertiary Period and the Wasatch Formation also of the Tertiary Period.

The major drainage in the area with a year-round flow is Bitter Creek to the East.

The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during the early spring run-off and during extremely heavy rain storms of relatively long duration. This type of storm is rather uncommon as the normal annual precipitation is around 8".

The topsoil in the area ranges from a sandy-clay (SM-ML) type soil to a clayey (OL) type soil.

Due to the low precipitation average, climate condition and the types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, and consists of juniper and pinion pine trees, sagebrush, scrub oak, shadscale, and bitterbrush, and some grasses and cacti as the primary flora.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various forms of reptiles.

The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, sparrows, magpies, crows, and jays.

The Topography of the Immediate Area (See Topographic Map "B").

The proposed location sits on the top of a ridge known as McCook Ridge. Tom Patterson Canyon is located to the Southwest and Bitter Creek to the East.

The visible structure of the location is of the Tuscher formation and consists of brownish-gray sandy-clay (SP-CL) with some shale outcrops.

The ground slopes through the location to the North at approximately a 5.0% grade.

The location is covered with juniper and pinion pine trees, scrub oak, sagebrush, and grasses.

NATURAL GAS CORP. OF CALIFORNIA  
N.G.C. #42-23  
Section 23, T14S, R24E, S.L.B. & M.

11. OTHER INFORMATION - cont...

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

R. J. Firth  
85 South 200 East  
Vernal, UT 84078

1-801-789-4573

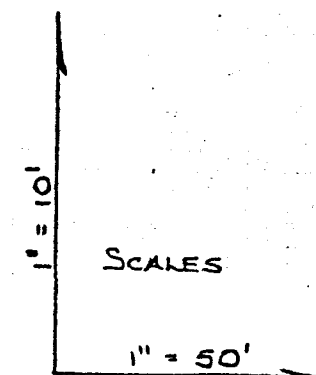
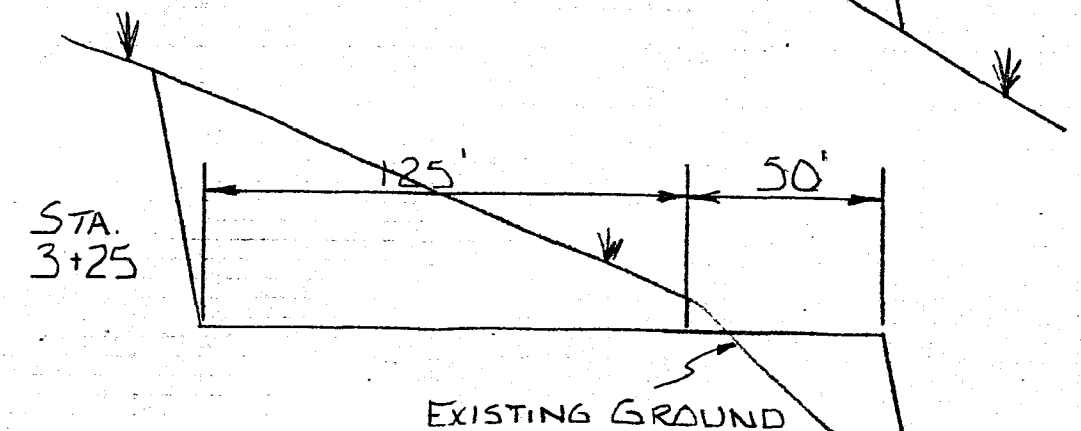
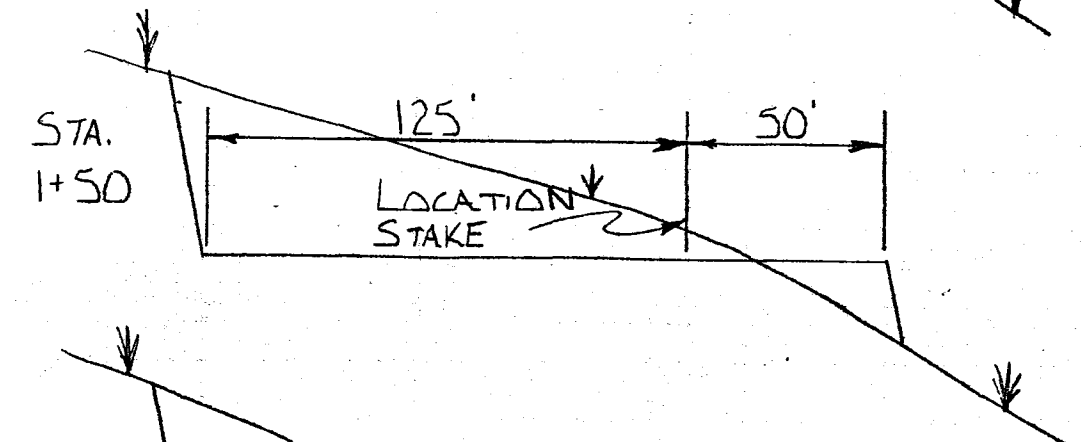
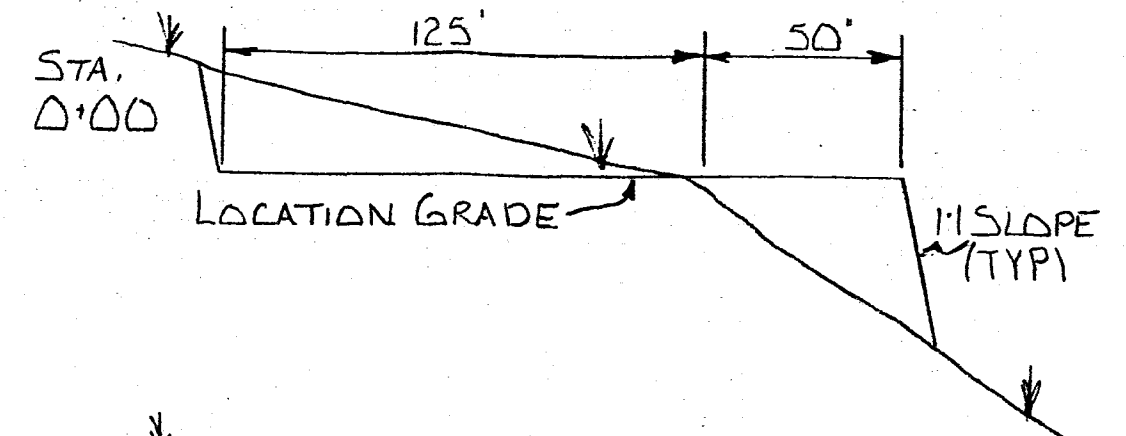
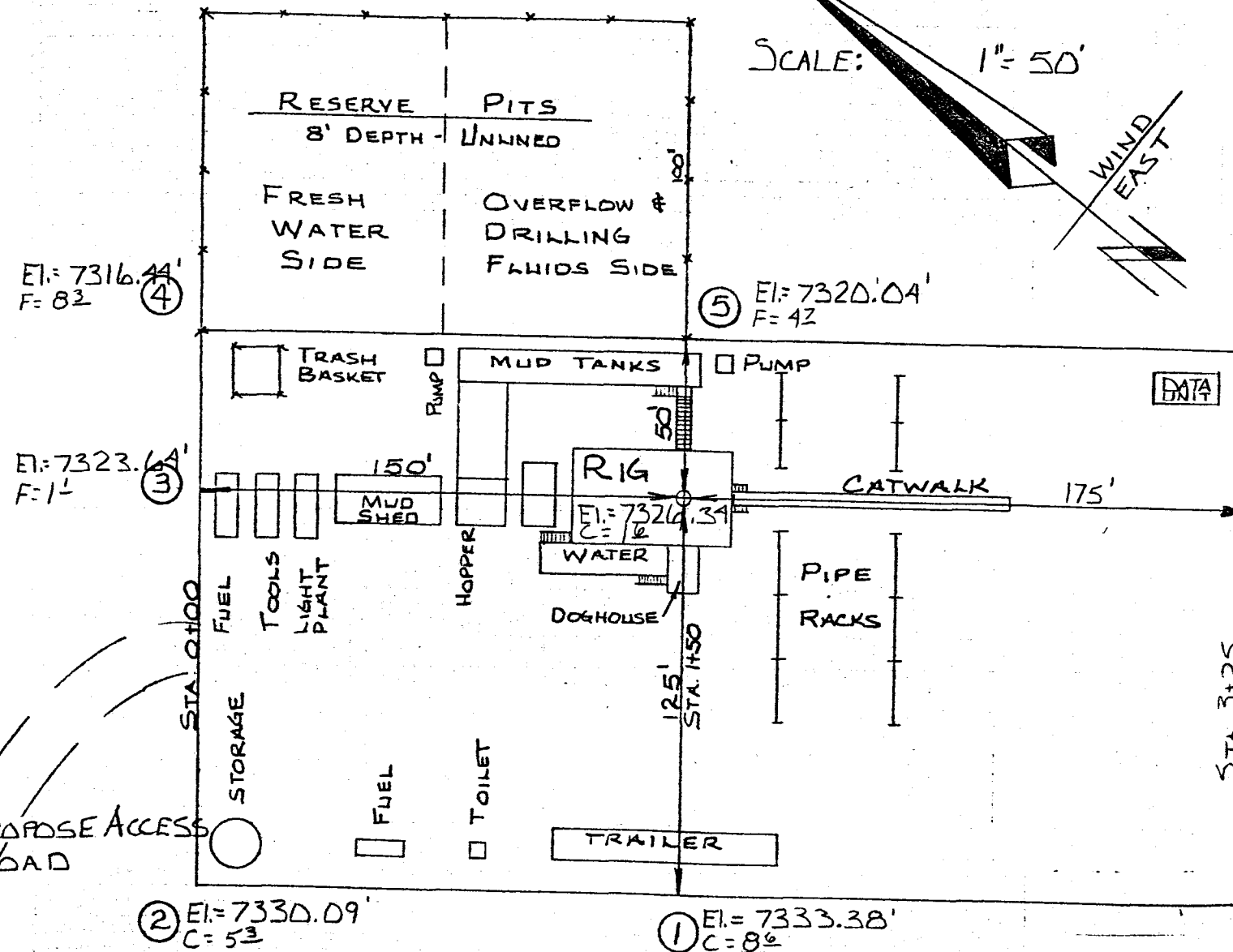
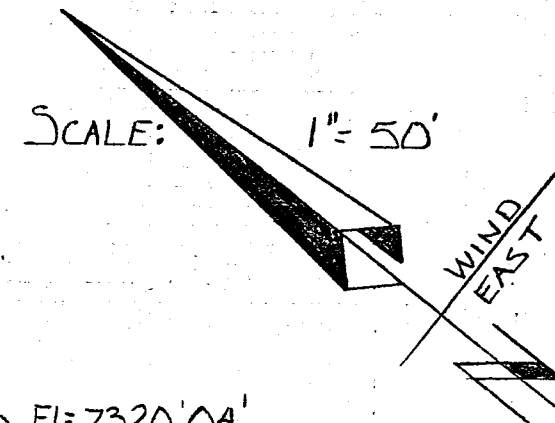
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operation proposed herein will be performed by the Natural Gas Corp. of California its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

\_\_\_\_\_  
Date

\_\_\_\_\_  
R. J. Firth

NATURAL GAS CORP OF CALIF.  
N.G.C #42-23



APPROX. YARDAGES

CUT - 7925  
FILL - 2070

SOILS LITHOLOGY

- NO SCALE -



LIGHT BROWN  
SANDY CLAY

NATURAL GAS CORP.  
OF CALIF.

N.G.C. #42-23

PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 MI.

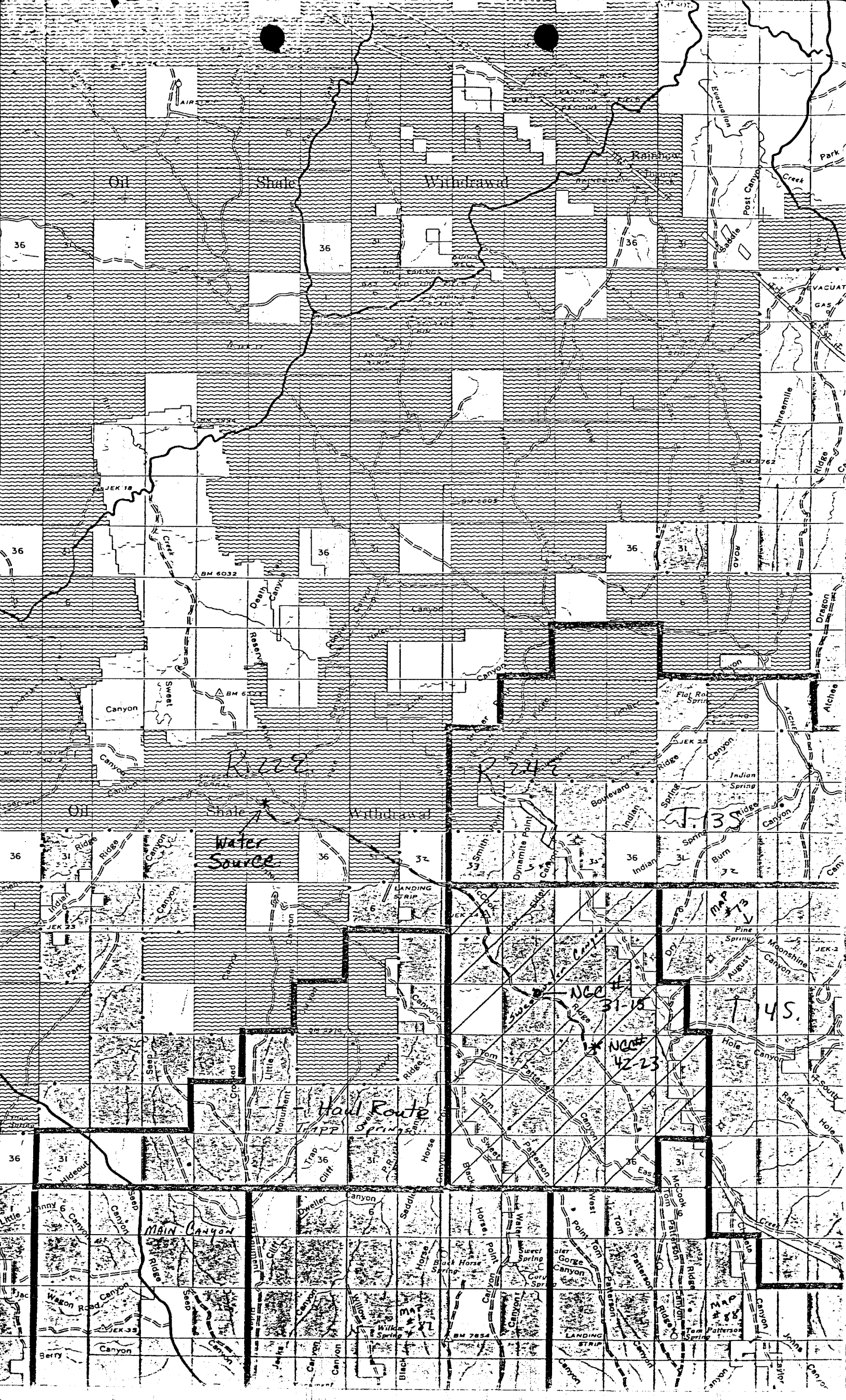
ODRAY UTAH  
38.2 MILES

11.3 MILES

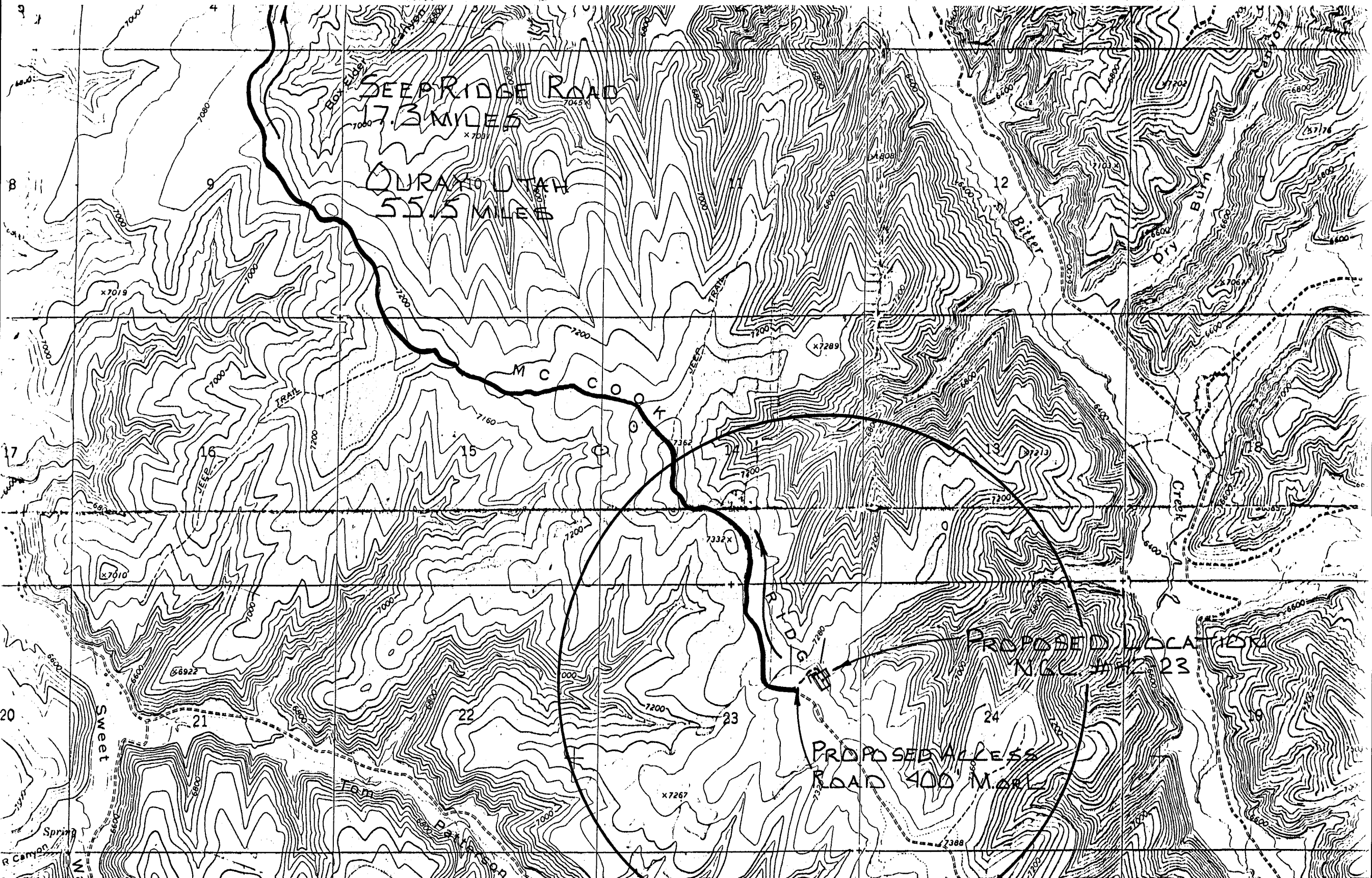
PROPOSED  
LOCATION  
N.G.C. #42-23

WINTER RIDGE

GRAND







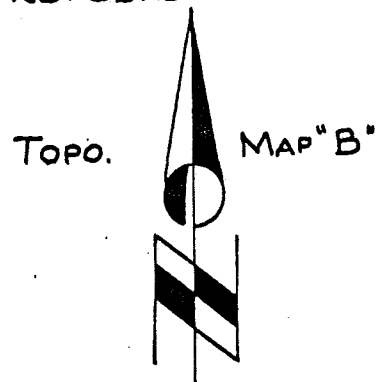
SEEP RIDGE ROAD  
17.3 MILES

OURAY, UTAH  
55.5 MILES

PROPOSED LOCATION  
NGL #1223

PROPOSED ACCESS  
ROAD 400 M. OR L

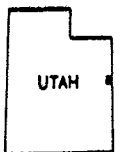
NATURAL GAS CORP.  
OF CALIF.  
NGC. #42-23  
PROPOSED LOCATION



SCALE - 1" = 2000'

ROAD CLASSIFICATION

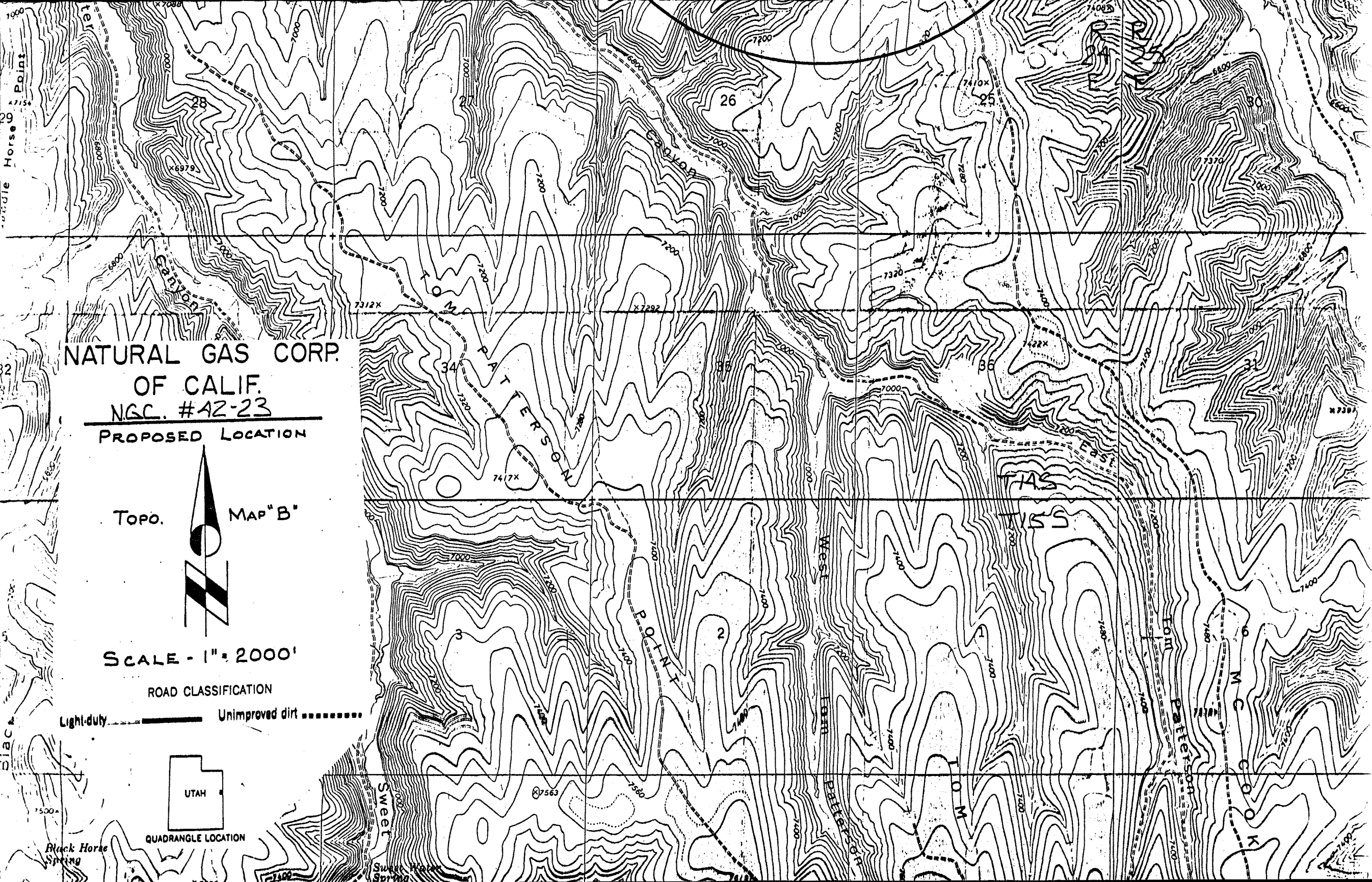
Light-duty ————— Unimproved dirt .....



QUADRANGLE LOCATION

Black Horse Spring

Sweet Water Spring





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR  
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR Telephone 789-4573  
85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1987' FNL and 776' FEL (SE $\frac{1}{4}$  NE $\frac{1}{4}$ )  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>

(other) Request to change Item #5 of the Surface Use Plan

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Request approval to use an existing water well in the SW $\frac{1}{4}$  SE $\frac{1}{4}$  NW $\frac{1}{4}$  of Section 26, T13S, R23E on Federal Land. The water well is not presently equipped with a pump.

We propose to set a pump and then pump water out of the well into an existing reservoir next to the water well and then haul water by vac trucks over the existing road to the location.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-22-81

BY: M. J. Mendenhall

Subject to approval  
of water rights from  
Dept. of Water Rights

Subsurface Safety Valve: Manu. and Type

Set @ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rich Cartaberry TITLE Associate Engr. DATE May 15, 1981

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; UT Div. OG&M; Operations Supt.; E. R. Henry; C. T. Clark

**DUPLICATE**  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN **DUPLICATE**  
(Other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R1425.

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Natural Gas Corporation of California

## 3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface 1987' FNL, 776' FEL, SE NE Section 23, T14S, R24E

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

55 miles south of Vernal, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

776'

## 16. NO. OF ACRES IN LEASE

2560

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

8490'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7326' Ungr. GR

## 22. APPROX. DATE WORK WILL START\*

Summer 1981

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20" new	.250 Wall line	pipe 40'	Cement to surface
12 1/4"	9-5/8" new	36# K55 STC	250'	150 sacks.
8-3/4"	7" new	23#, K55 LTC	2700'	As required.
6-1/8"	4 1/2" new	11.6# N80 LTC	TD	As required.

Operator proposes to drill well to approximately 8500' to test the Dakota Silt formation. 7", 23.0#, K-55 intermediate casing will be run and cemented to protect the oil shale section of the Green River formation. All water flows and significant hydrocarbon shows will be evaluated and reported. The well will be operated according to the attached well program and all applicable regulations. Adequate BOP equipment will be maintained at all times as indicated in the attached Pressure Control Specifications. If commercial production is encountered, 4 1/2", 11.6#, N-80 production casing will be run and cemented to adequately protect all potentially productive intervals. No abnormal pressures or temperatures or other potential hazards are anticipated.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED R. D. Dethlefsen TITLE Office Supervisor  
(This space for Federal or State office use)

DATE April 8, 1981

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY

(ORIG. SGD.) R. A. HENRICKS

FOR

E. W. GUYNN

TITLE

DISTRICT ENGINEER

DATE

MAY 18 1981

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; UT Div. OG&amp;M; Operations Supt.; ERHenry; CTClark

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPYFLARING OR VENTING OF  
GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

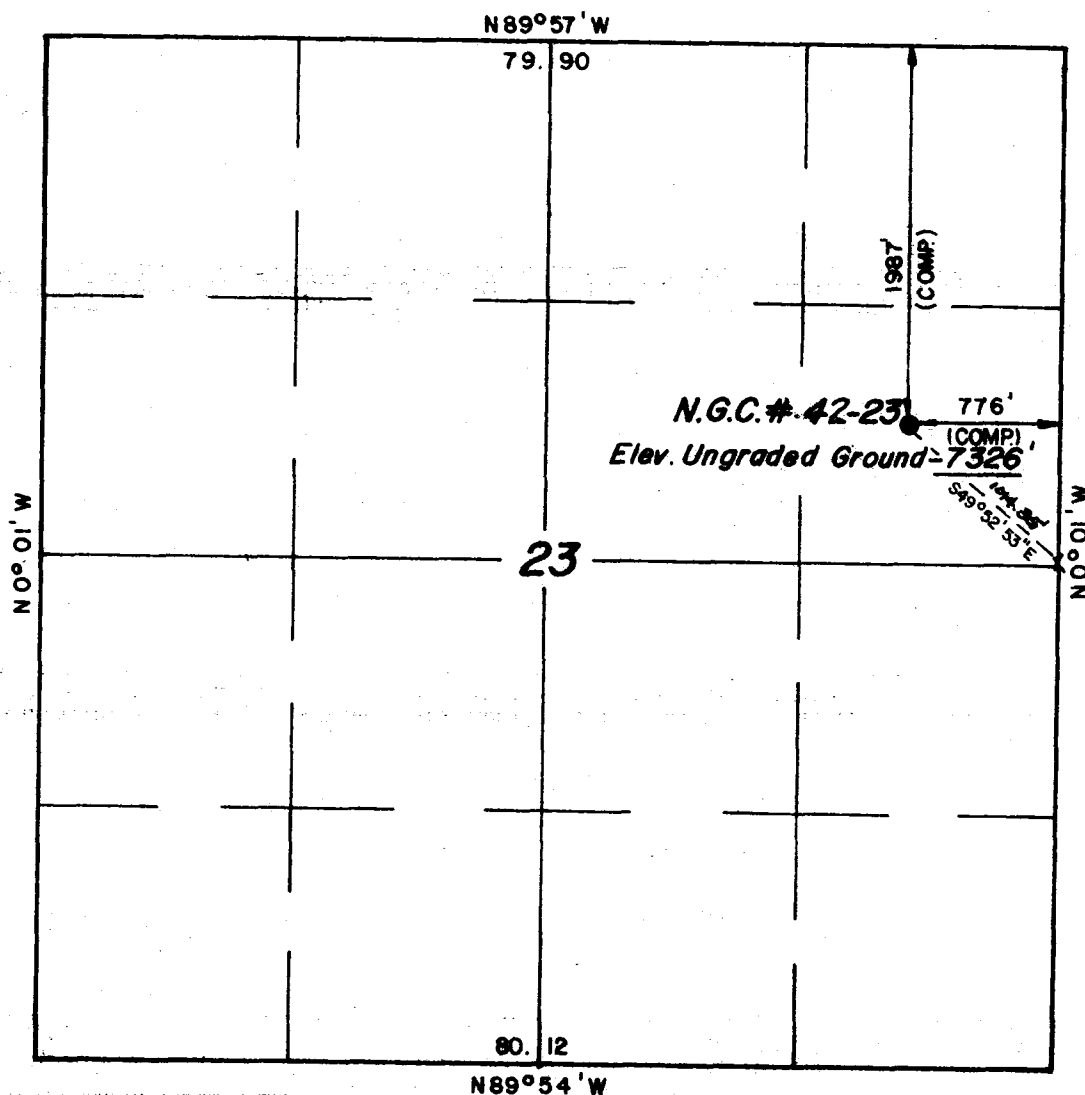
T14S, R24E, S.L.B. & M.

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, N.G.C. # 42-23, located  
as shown in the SE 1/4 NE 1/4 Section  
23 T14S, R24E, SLB. & M. Uintah County,  
Utah.

NOTE:  
BASIS OF BEARINGS IS FROM SOLAR  
OBSERVATIONS OF THE SUN.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence C. Kay*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

Rev. 1/15/81

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12/11/80
PARTY RK, BK DD	REFERENCES GLO PLAT
WEATHER CLOUDY & COLD	FILE NATURAL GAS CORP. CALIF.

X = SECTION CORNERS LOCATED

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&amp;G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-10133OPERATOR: Natural Gas Corp.WELL NO. 92-23LOCATION: C ½ SE ½ NE ½ sec. 23, T. 14S, R. 24E, SIMUintah County, Utah

## 1. Stratigraphy:

Green River	surface		
Mesaverde	2405'		
Castlegate	4490'	Dakota Silt	8035'
Mancos	4720'	<u>TD</u>	<u>8490'</u>
Mancos B	4850'		
Base of B	5990'		

## 2. Fresh Water:

Fresh water may be present in Green River near-surface sandstones.

## 3. Leasable Minerals:

Coal: Mesaverde. (3700' to 4100')

Oil Shale: Green River. The Mahogany zone will either occur at surface or has been eroded away (i.e. will spud below it). Other oil shale zones may occur from 0 to ~ 2000'.

Gas/oil: Mancos B, Dakota Silt

4. Additional Logs Needed: Adequate5. Potential Geologic Hazards: None expected

## 6. References and Remarks:

Signature: Gregory W. WoodDate: 4-30-81

Identification CER/EA No. 409-81

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104 --

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California  
Project Type Gas Well  
Project Location 1987' FNL 776' FEL Section 23, T. 14S, R. 24E  
Well No. 42-23 Lease No. U-10133  
Date Project Submitted April 13, 1981

FIELD INSPECTION Date May 5, 1981

Field Inspection Participants	Greg Darlington	USGS, Vernal
	Cory Bodman	BLM, Vernal
	Karl Wright	BLM, Vernal
	Bill Ryan	Natural Gas Corporation of California
	Leonard Heeney	Ross Construction

Related Environmental Documents: Unit Resource Analysis, Seep Ridge Planning  
Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

May 8, 1981  
Date Prepared.

Gregory Darlington  
Environmental Scientist

I concur

5/11/81  
Date

E. W. S. [Signature]  
District Supervisor

Typing In 5-7-81 Typing Out 5-7-81

PROPOSED ACTIONS:

Natural Gas Corporation of California plans to drill the Sweetwater Canyon #42-23 well, an 8490' gas test of the Mancos B and Dakota Formations. A new access road of about 400' length will be required. A pad 175' by 325' and a reserve pit 100' by 150' are requested for this location.

RECOMMENDED REQUIREMENTS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM Stipulations
2. Lease Stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: May 5, 1981  
Well No.: 42-23 NGCC Sweetwater Canyon  
Lease No.: U-10133

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Shares the 400 foot access road  
with a Coseka well 6-13-14-24 (1.5 miles of access needed  
by Coseka). The Coseka well has not been submitted yet.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Located in a burnt off area

The reserve pits will be below the level of the pad  
the natural ground is about 15' below the <sup>planned</sup> elevation of the  
pad on the far corners of the pit. The pits will be beaver-sided  
to allow half their depth below the natural ground surface.

## CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

[illegible]



# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *USGS conditions of approval.*



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

IN REPLY REFER TO

T & R  
U-802

May 6, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

Re: Natural Gas Corporation of  
California, Well #31-15  
Sec 15, T14S, R24E, Well  
#42-23 Sec 23, T14S, R24E  
Uintah County, Utah

Dear Mr. Guynn:

A joint examination was made on May 5, 1981, of the above referenced well site locations and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road rights-of-way will not be allowed. The maximum width of access road (both existing and planned) will be 30 feet total disturbed area, except where backslopes and fills require additional area. Turnouts will not be required. The road will be crowned and bar ditches will be installed where necessary.
3. It was agreed upon by all parties present that the applied for pad sizes are of adequate size to handle all drilling and fracturing operations.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



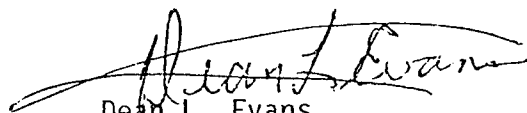
6. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained and hauled to an approved disposal site.
7. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserve pits.
8. Live trees that must be removed may be pushed over and stockpiled separately from the topsoil. Large pieces of dead wood should also be stockpiled separately from the topsoil. These piles will be located between corners #3 and #4 and/or #6 and #7 ~~and~~ both locations.
9. The top 6-8 inches of topsoil will be stockpiled as addressed in the applicants APD.

Both locations are located in a Winter shut down location. Exploration, drilling and other development activity will be allowed only during the period from April 30 to November 1. This limitation does not apply to maintenance and operation of producing wells. Exceptions to their limitation in any year may be specifically authorized in writing by the District Engineer, Geological Survey, with concurrence of the District Manager, Bureau of Land Management.

The proposed activities do not jeopardize any cultural resources. The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna or their habitats.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans  
Area Manager  
Bookcliffs Resource Area

cc:  
USGS, Vernal

June 12, 1981

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Re: Well No. Sweetwater Canyon Unit 42-23  
Sec. 23, T. 14S, R. 24E, SE NE  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-30976.

Sincerely,

DIVISION OF OIL, GAS, AND MINING



Michael T. Minder  
Petroleum Engineer

MTM/ko  
cc: USGS

**\*\* FILE NOTATIONS \*\***

DATE: June 18, 1981  
OPERATOR: Natural Gas Corp. of Ca.  
WELL NO: Sweetwater Canyon Unit 42-23  
Location: Sec. 23 T. 145 R. 24E County: Wintah

File Prepared: ☒  
Card Indexed: ☒

Entered on N.I.D: ☒  
Completion Sheet: ☒

API Number 43-047- 30976

**CHECKED BY:**

Petroleum Engineer: M. J. Winder 6-10-81

Director: \_\_\_\_\_

Administrative Aide: In Sweetwater Canyon Unit / ok on hydrocs. all formations Unitized.

**APPROVAL LETTER:**

Bond Required: ☐ Survey Plat Required: ☐  
Order No. \_\_\_\_\_ O.K. Rule C-3 ☐  
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation ☒ Plotted on Map ☐

Approval Letter Written ☒

Hot Line ☒ P.I. ☒

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1987' FNL, 776' FEL, SE NE  
AT TOP PROD. INTERVAL: Section 23, T14S, R24E  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Change casing program</u>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator proposes to change the intermediate casing from 9-5/8", 36#, K-55, new, to 9-5/8", 43.5#, N-80, used, due to salvaged casing from another well. Casing has been inspected.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 7/21/81  
BY: OBleggett

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED R. D. Dethlefsen TITLE Office Supervisor DATE June 23, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Operations Supt.; E. R. Henry

5. LEASE U-10133
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME Sweetwater Canyon
8. FARM OR LEASE NAME Federal
9. WELL NO. 42-23
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T14S, R24E
12. COUNTY OR PARISH Utah
13. STATE Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) 7326' Ungr. GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF  
OIL GAS & MINING

NATURAL GAS CORPORATION  
OF CALIFORNIA

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

August 10, 1981

RECEIVED  
AUG 12 1981

DIVISION OF  
OIL, GAS & MINING

Mr. E. W. Guynn  
Geological Survey-Conservation Div.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

✓ Mr. Michael T. Minder  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Re: NGC #42-23 Federal  
Section 23, T14S, R24E  
Uintah County, Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,  
Notification of Spud Date, for the above referenced well.

Sincerely,

*Rick Canterbury*  
Rick Canterbury  
Associate Engineer

/kh

Attachment

cc: Operations Supt.  
C. T. Clark  
E. R. Henry

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS OF WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1987' FNL, 776' FEL SE NE

AT TOP PROD. INTERVAL: Section 23, T14S, R24E

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐CHANGE ZONES ☐ABANDON\* ☐(other) Notification of Spud Date ☐

SUBSEQUENT REPORT OF:

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well was spudded and conductor pipe set on July 25, 1981.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Rick Canterbury*  
Rick Canterbury

TITLE

Associate Engineer

DATE

August 7, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&amp;M; Mono Power; Coseka; DeGolyer; Operations; CTClark; ERHenry



**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

September 9, 1981

Mr. E. W. Gynn  
Geological Survey-Conservation Div.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Mr. Michael T. Minder  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Coseka Resources (USA) Ltd.  
718 17th Street, Suite 630  
Denver, CO 80202

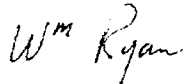
Mr. Bernard Perry  
Mono Power Company  
P.O. Box 800  
Rosemead, CA 91770

Re: NGC #42-23 Federal  
SE NE Section 23, T14S, R24E  
Uintah County, Utah  
Sweetwater Canyon Unit

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Subsequent Report of Commencement of Drilling Operations, for the above referenced well.

Yours truly,



William A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: Operations  
C. T. Clark (Cover Letter Only)  
E. R. Henry

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone 801-789-4573  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1987' FNL, 776' FEL, SE NE Sec. 23,  
AT TOP PROD. INTERVAL: T14S, R24E  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Commencement of Drilling	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operations		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator commenced drilling operations 9/7/81 at 1 p.m.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED William A. Ryan TITLE Petroleum Engr. DATE September 8, 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Mono Power; Coseka Res.; DeGolyer; Operations; ERHenry

NOTICE OF SPUD

*Waters  
Class Corp.*

Caller: Bill Ryan

Phone: \_\_\_\_\_

Well Number: sweetwater canyon unit  
42-23

Location: SE NE 23-145-24E

County: Monte State: Utah

Lease Number: 11-10133

Lease Expiration Date: \_\_\_\_\_

Unit Name (If Applicable): Sweet Water Canyon

Date & Time Spudded: 7/25/81

Dry Hole Spudder/Rotary: \_\_\_\_\_

Details of Spud (Hole, Casing, Cement, etc.) \_\_\_\_\_

Set conductor pipe - 80 feet

Rotary Rig Name & Number: Olsen #3

Approximate Date Rotary Moves In: 1 00 P.M. 9/7/81

FOLLOW WITH SUNDRY NOTICE

Call Received By: Wicki

Date: 9/8/81

**RECEIVED**  
SEP 10 1981

DIVISION OF  
OIL, GAS & MINING

File

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078  
(801) 789-4573

November 17, 1981

Mr. E. W. Guynn  
Geological Survey-Conservation Div.  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Mr. Michael T. Minder  
Division of Oil, Gas, & Mining  
1588 West North Temple  
Salt Lake City, UT 84116

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Coseka Resources (USA) Ltd.  
718 17th Street, Suite 630  
Denver, CO 80202

Mr. Bernard Perry  
Mono Power Company  
P.O. Box 800  
Rosemead, CA 91770

**RECEIVED**

**NOV 23 1981**

**DIVISION OF  
OIL, GAS & MINING**

Re: NGC #42-23 Federal  
SE NE Section 23, T14S, R24E  
Uintah County, Utah  
Sweetwater Canyon Unit

Gentlemen:

Attached are copies of the Core Analysis Report from Core Laboratories, Inc., for the above referenced well.

Sincerely,

W. A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: Operations  
C. T. Clark (Cover Letter Only)  
J. Langman

CORE LABORATORIES, INC.  
*Petroleum Reservoir Engineering*  
DALLAS, TEXAS

CORE ANALYSIS REPORT

FOR

NATURAL GAS CORP. OF CALF.

NGC 42-23  
WILDCAT  
UINTAH COUNTY, UTAH

**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
 DALLAS, TEXAS

PAGE 1

NATURAL GAS CORP. OF CALF.  
 NGC 42-23  
 WILDCAT  
 UINTAH COUNTY, UTAH

DATE : 10-20-81  
 FORMATION : DAKOTA  
 DRLG. FLUID: CHEM GEL  
 LOCATION : SE NE SEC 23-T14S-R24E

FILE NO : RP-2-6711  
 ANALYSTS : FD  
 ELEVATION: 7348'KB

SIDEWALL CORE ANALYSIS DATA

SAMPLE NUMBER	DEPTH	PERM K <sub>a</sub> MAXIMUM	POR. FLD	FLUID OIL	SATS. WTR	GRAIN DEN	DESCRIPTION
	8380.2-00.0						UNSUITABLE FOR ANALYSIS
	8382.1-00.0						UNSUITABLE FOR ANALYSIS
1	8384.1-00.0	0.90	11.7	0.0	41.9		SAND GRAY F-MG SHALY
2	8390.2-00.0	2.60	13.0	0.0	48.5	2.65	SAND GRAY F-MG SHALY
	8404.9-00.0						UNSUITABLE FOR ANALYSIS
3	8413.9-00.0	8.70	15.0	0.0	62.7	2.65	SAND GRAY F-MG
4	8418.8-00.0	2.20	11.7	0.0	62.4	2.65	SAND GRAY F-MG
	8430.0-00.0						UNSUITABLE FOR ANALYSIS
5	8433.1-00.0	17.	18.4	0.0	44.6		SAND GRAY F-MG
	8436.1-00.0						UNSUITABLE FOR ANALYSIS
	8438.0-00.0						UNSUITABLE FOR ANALYSIS
6	8449.8-00.0	0.10	20.4	0.0	71.1		SILT GRAY VFG
7	8451.1-00.0	0.20	19.4	0.0	66.5	2.69	SILT PINK VFG
8	8601.9-00.0	0.20	19.1	0.0	68.6	2.66	SILT GRAY VFG
9	8611.9-00.0	0.20	8.8	0.0	60.2		SAND GRAY VF-FG SILTY



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 2, 1982

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours.

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Clerk Typist

Well No. Sweetwater Canyon Unit #31-15  
Sec. 15, T. 14S, R. 24E  
Uintah County, Utah  
(July 1981- December 1981)

Well No. Sweetwater Canyon Unit 42-23  
Sec. 23, T. 14S, R. 24E  
Uintah County, Utah  
(September 1981- December 1981)

Well No. Federal #1-5  
Sec. 5, T. 10S, R. 23E  
Uintah County, Utah  
(April 1981- December 1981)

Well No. Federal #21-11  
Sec. 11, T. 16S, R. 24E  
Grand County, Utah  
(October 1981- December 1981)





STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 5, 1982

Natural Gas Corp. Of Cal.  
85 South 200 East  
Vernal, Utah 84078

Re: See attached

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U. S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

\*\* If we do not hear from your office within fourteen days, this file will be turned over to the attorney at the Division of Oil, Gas and Mining for legal action.

Thank you for your cooperation relative to the above.

Sincerely,

DIVISION OF OIL, GAS AND MINING

*Cari Furse*

Cari Furse  
Clerk Typist

Well No. Sweetwater Canyon Unit #31-15  
Sec. 15, T. 14S, R. 24E.  
Uintah County, Utah  
(January- February 1982)

Well No. Sweetwater Canyon Unit #42-23  
Sec. 23, T. 14S, R. 24E.  
Uintah County, Utah  
(January- February 1982)

Well No. Federal #1-5  
Sec. 5, T. 10S, R. 23E.  
Uintah County, Utah  
(January- February 1982)

Well No. Federal #21-11  
Sec. 11, T. 16S, R. 24E.  
Grand County, Utah  
(January- February 1982)

**NATURAL GAS CORPORATION  
OF CALIFORNIA**

85 South 200 East  
Vernal, Utah 84078

April 8, 1982

Ms. Carie Furse  
Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Mr. E. W. Guynn  
Minerals Management Service  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, UT 84104

Mr. Bernard Perry  
Mono Power Company  
P.O. Box 800  
Rosemead, CA 91770

Coseka Resources (USA) Ltd.  
718 17th Street, Suite 630  
Denver, CO 80202

Re: NGC #42-23 Federal  
SE NE Section 23, T.14S., R.24E.  
Uintah County, Utah  
Sweetwater Canyon

Gentlemen:

Attached are copies of Form OGC-1B, Sundry Notices and Reports on Wells,  
Notification of Well Status, for the above captioned well.

Sincerely,



Rick Canterbury  
Associate Engineer

/kh

Attachment

cc: Operations  
C. T. Clark  
E. R. Henry

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SEE IN TRIPLICATE\*  
(Other instructions on  
reverse side)

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-10133
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573		7. UNIT AGREEMENT NAME Sweetwater Canyon
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1987' FNL, 776' FEL, SE NE Section 23, T.14S., R.24E		8. FARM OR LEASE NAME Federal
14. PERMIT NO.		9. WELL NO. 42-23
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7326' Ungr. Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T14S, R24E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

### NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Notification of Well Status <input checked="" type="checkbox"/>	

### SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well has been drilled to TD but has not been completed. Operations have been suspended.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Carter Survey

TITLE Associate Engineer

DATE April 8, 1982

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

cc: Minerals Management Ser.; Div. OG&M; DeGolyer; Coseka; Mono; Operations; CTCIark;  
ERHenry

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 15, 1983

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Re: Well No. Federal # 1-5  
Sec. 5, T. 10S, R. 23E.  
Uintah County, Utah

Well No. Dry Burn Un. St. #11-36  
Sec. 36, T. 13S, R. 25E.  
Uintah County, Utah

Well No. Sweetwater Cny Un # 42-23  
Sec. 23, T. 14S, R. 24E.  
Uintah County, Utah

Gentlemen:

The above referred to wells have been under an operation suspended status for six months or longer. Please inform this office of the current status of these well locations or what operations are currently being performed on this well. Enclosed please find Form OGC-1B (Sundry Notices and Reports on Wells), that you may use to inform our office of the matter requested above.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self-addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure

Board / Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

3

*Natural Gas  
Corporation of  
California*

NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC NGC

May 18, 1983

Mr. E. W. Guynn  
Bureau of Land Management  
Oil and Gas Operations  
1745 West 1700 South, Suite 2000  
Salt Lake City, UT 84104

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. Bob Gilmore  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-23 Federal  
Section 23, T.14S., R.24E.  
Uintah County, Utah  
Sweetwater Canyon

Coseka Resources (U.S.A.) LTD.  
1512 Larimer St., Suite 200  
Denver, CO 80202-1602

Mr. Bernard Perry  
Mono Power Company  
P.O. Box 800  
Rosemead, CA 91770

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Sincerely,

*Rick Canterbury*

Rick Canterbury  
Associate Engineer

/kh

Attachment

cc: Operations  
E. R. Henry  
C. T. Clark

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR  
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR  
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1987' FNL, 776' FEL, SE $\frac{1}{4}$  NE $\frac{1}{4}$   
AT TOP PROD. INTERVAL: Sec. 23, T.14S., R.24E.  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>

(other) Report Well Status

5. LEASE  
U-10133

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Sweetwater Canyon

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
42-23

10. FIELD OR WILDCAT NAME  
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T.14S., R.24E.

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

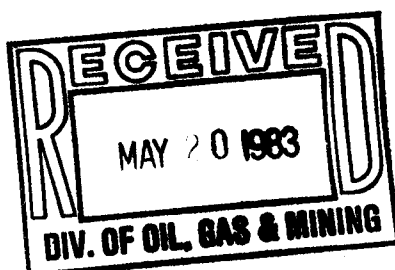
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
7326' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well has been drilled to T.D. but not completed. Operations have been suspended.



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Rick Canterbury TITLE Associate Engr. DATE May 17, 1983  
Rick Canterbury

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

cc: BLM-Oil and Gas Operations; Div. OG&M; Operations; CTCClark; ERHenry; Coseka; DeGolyer; Mono



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 22, 1983

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

RE: Well No. Federal #42-23  
1987' FNL, 776' FEL SE NE  
Sec. 23, T. 14S, R. 24E.  
Uintah County, Utah  
June - December 1983

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject well.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

Claudia Jones  
Well Records Specialist

CJ/cj  
Enclosure



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5

8

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-10133																															
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Pending completion</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____																															
2. NAME OF OPERATOR Natural Gas Corporation of California		7. UNIT AGREEMENT NAME Sweetwater Canyon																															
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573		8. FARM OR LEASE NAME Federal																															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1987' FNL, 776' FEL, SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 23, T.14S., R.24E. At top prod. interval reported below At total depth _____		9. WELL NO. 42-23																															
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Wildcat																															
15. DATE STUDDED 9-7-81		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 23, T.14S., R.24E.																															
16. DATE T.D. REACHED 10-21-81		12. COUNTY OR PARISH Uintah																															
17. DATE COMPL. (Ready to prod.) SI Pending Completion		13. STATE Utah																															
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7326' GL		19. ELEV. CASINGHEAD _____																															
20. TOTAL DEPTH, <u>MD</u> & TVD 8650'		21. PLUG, BACK T.D., MD & TVD _____																															
22. IF MULTIPLE COMPL., HOW MANY* _____		23. INTERVALS DRILLED BY O-TD																															
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Not completed		25. WAS DIRECTIONAL SURVEY MADE No																															
26. TYPE ELECTRIC AND OTHER LOGS RUN DI-SFL, BHC Sonic, Cyberlook, CNF-DBC, Dipmeter		27. WAS WELL CORED No																															
28. CASING RECORD (Report all strings set in well)																																	
<table border="1" style="width:100%"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>43.5#</td><td>280</td><td>12-1/4</td><td>155 sx Class "G"</td><td></td></tr><tr><td>4-1/2"</td><td>11.6#</td><td>8650</td><td>8-1/2</td><td>565 sx Howco 50-50</td><td></td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	43.5#	280	12-1/4	155 sx Class "G"		4-1/2"	11.6#	8650	8-1/2	565 sx Howco 50-50													
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29. LINER RECORD																																	
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																									
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																													
30. TUBING RECORD																																	
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)																											
SIZE	DEPTH SET (MD)	PACKER SET (MD)																															
31. PERFORATION RECORD (Interval, size and number) None																																	
32. ACID, SHOT, TRAP, CEMENT, SIZING, ETC. DEPTH INTERVAL (MD) _____ AMOUNT AND KIND OF MATERIAL USED _____																																	
33.* PRODUCTION																																	
DATE FIRST PRODUCTION None		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) None																															
DATE OF TEST		WELL STATUS (Producing or shut-in) SI Pending Completion																															
HOURS TESTED																																	
CHOKE SIZE																																	
PROD'N. FOR TEST PERIOD																																	
OIL—BBL.																																	
GAS—MCF.																																	
WATER—BBL.																																	
GAS-OIL RATIO																																	
FLOW. TUBING PRESS.																																	
CASING PRESSURE																																	
CALCULATED 24-HOUR RATE																																	
OIL—BBL.																																	
GAS—MCF.																																	
WATER—BBL.																																	
OIL GRAVITY-API (CORR.)																																	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)																																	
TEST WITNESSED BY																																	
35. LIST OF ATTACHMENTS																																	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																																	
SIGNED <u>W. A. Ryan</u>		TITLE _____																															
DATE 1/5/84																																	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 19:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Castlegate Mancos Base of Mancos B	4458' 4715' 5415'	



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 7, 1984

Natural Gas Corporation of California  
85 South 200 East  
Vernal, Utah 84078

Gentlemen:

Re: Well No. Federal 42-23 - Sec. 23, T. 14S., R. 24E.  
Uintah County, Utah - API #43-047-30976

The above referred to well has been under an operation suspended status for six months or longer. Please inform this office of the current status of this well location or what operations are currently being performed on this well. Enclosed is Form OGC-1b, "Sundry Notices and Reports on Wells" that you may use to inform our office regarding this matter.

Thank you for your prompt attention to the above matter.

Sincerely,

Claudia Jones  
Well Records Specialist

clj  
Enclosure  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File  
00000012/12

*Natural Gas  
Corporation of  
California*

November 15, 1984

Bureau of Land Management  
Branch of Fluid Minerals  
Vernal District  
170 South 500 East  
Vernal, UT 84078

Division of Oil, Gas & Mining  
4241 State Office Building  
Salt Lake City, UT 84114

Mr. John Baker  
DeGolyer & MacNaughton  
No. 1 Energy Square  
Dallas, TX 75206

Re: NGC #42-23 Federal  
Section 23, T.14S., R.24E.  
Uintah County, UT  
Sweetwater Canyon Unit

Gentlemen:

Attached are copies of Form 3160-5, Sundry Notices and Reports on Wells, Report of Well Status, for the subject well.

Yours truly,

*William A. Ryan*

W. A. Ryan  
Petroleum Engineer

/kh

Attachment

cc: H. Myers  
Land Dept.  
L. Jorgensen  
S. Furtado

Coseka Resources (U.S.A.) LTD.  
1512 Larimer St., Suite 200  
Denver, CO 80202-1602

Mr. Bernard Perry  
Mono Power Company  
P.O. Box 800  
Rosemead, CA 91770

**RECEIVED**  
NOV 20 1984

**DIVISION OF  
OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-10133	
2. NAME OF OPERATOR Natural Gas Corporation of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME Sweetwater Canyon	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1987' FNL, 776' FEL, SE $\frac{1}{4}$ SE $\frac{1}{4}$		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-047-30976		9. WELL NO. 42-23	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7326' GR		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T.14S., R.24E.	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETION	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Well Status	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the status of the subject well as "shut-in" pending reevaluation of economic capability.

"Operations Suspended"

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DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED William A. Ryan TITLE Petroleum Engineer DATE Nov. 15, 1984  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10133

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Sweetwater Canyon

8. FARM OR LEASE NAME

Federal

9. WELL NO.

42-23

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 23, T.14S., R.24E.

12. COUNTY OR PARISH 13. STATE

Uintah Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1987' FNL 776' FEL SE NE  
Section 23, T.14S., R.24E.

14. PERMIT NO.

43-047-30976

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

7326' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other) Request Temporary Surface Pit X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would  
be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone  
789-4573.

RECEIVED  
NOV 23 1984

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan  
William A. Ryan

TITLE Petroleum Engineer

DATE November 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action  
is required before commencing  
operations.

TITLE

ACCEPTED  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE

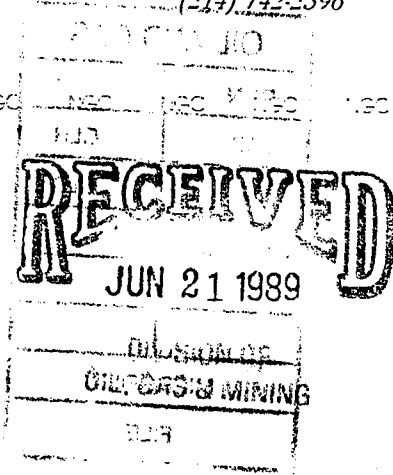
DATE: 11/23/84

\*See Instructions on Reverse Side

BY: [Signature]

NGC  
Energy  
Company

2001 Bryan Tower  
Suite 953  
Dallas, Texas 75201  
(214) 742-2396



June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY  
2001 Bryan Tower, Suite 953  
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY  
85 South 200 East  
Vernal, UT 84078

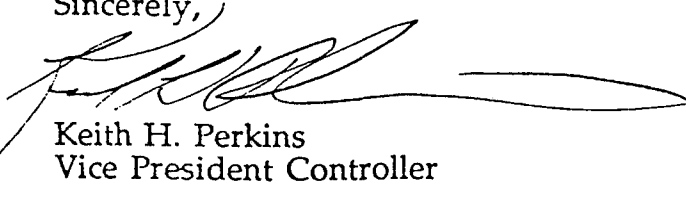
All remittances should be mailed to:

PG&E RESOURCES COMPANY  
P. O. Box 840274  
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,

  
Keith H. Perkins  
Vice President Controller

KHP/chs

6-26-89  
NGC Energy Co : Natural Gas Corp  
of CA are one in the same  
company. talked w/ Mr. Perkins  
he indicated both companies  
should reflect the chg. NGC Co.  
will send a chg of op from  
Natural Gas Corp to NGC.  
JAS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

RECEIVED  
MAY 03 1990

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1987' FNL, 776' FEL SE/NE  
Sec. 23, T14S, R24E

5. Lease Designation and Serial No.  
U-10133

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Sweetwater Canyon

8. Well Name and No.

42-23 Federal

9. API Well No.

43-047-30976

10. Field and Pool, or Exploratory Area

Dakota

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator proposes to plug and abandon the subject well as follows:

Cement plug in 4½" csg. across 9-5/8" csg shoe from 330'-230'.

Cement plug in 4½" csg and 4½" x 9-5/8" csg annulus from surface - 50'.

Erect regulation dryhole marker with 10 sx sackrete and fill around marker base to about 18".

All intervals between plugs to be filled with fluid of hydrostatic exceeding greatest formation pressure encountered while drilling.

Location to be restored to specs to be provided by BLM.

Copies: Div. Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed Michael L. McMeican  
(This space for Federal or State office use)

Title Production Supt.

Approved by \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

OIL AND GAS	
DRN	RJF
1-JRB ✓	GLH
DTS	SLS
2-TAS	
3- MICROFILM	Date 5/1/90
4- FILE	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-10133
2. Name of Operator PG&E Resources Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 85 South 200 East, Vernal, UT 84078 801-789-4545	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1987' FNL, 776' FEL SE/NE Section 23, T14S, R24E	8. Well Name and No. 42-23 Federal
	9. API Well No. 43-047-30976
	10. Field and Pool, or Exploratory Area Sweetwater Canyon
	11. County or Parish, State Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Subject well was plugged and abandoned as follows:

9/25/90: RIH w/mill & tag @ 1182' (DV @ 1235') RU pwr swivel & stripping head.

9/26/90: Milled from 1182-1212' getting bolts and washer type junk out of the hole.

9/27/90: Milled thru junk, cmt & DV, POH, RIH w/mill & scraper to 7117', POH, RIH OE tbg to 7111'.

\* 9/28/90: Circ well w/water, set 15" sx Class "G" 7111-6905', spot 9 ppg mud 6863-4500', run GR-CCL 4550-4000'. Perf 4 1/2" csg @ 4518', set cmt retainer @ 4418', establish circ & cmt thru ret w/38" sx Class "G", left 1 bbl. cmt on retainer. Spot 9 ppg mud 4300-1300', set 15" sx Class "G" 1285-1080', circ & fill 4 1/2" csg from 325' to surface.

9/29/90: Cut off csg hd & install regulation dryhole marker.

Note: Location to be rehabilitated and seeded during November 1990.

Copies: ~~Daw.~~ Oil, Gas & Mining; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed <u>Mike McMan</u>	Title <u>Production Supt.</u>	Date <u>11/2/90</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
August 21, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RENVR. <input type="checkbox"/>	Other <u>P&amp;A 9/28/90</u>
2. NAME OF OPERATOR PG&E Resources Company							
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 801-789-4573							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1987' FNL, 776' FEL SE/NE At top prod. interval reported below At total depth							
14. PERMIT NO. 43-047-30976				DATE ISSUED 11/7/84			
15. DATE SPUDDED 7-5-81		16. DATE T.D. REACHED 10/17/81		17. DATE COMPLETED (Ready to prod.) 9-28-90 P&A Never Completed		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*	
20. TOTAL DEPTH, MD & TVD 8650'		21. PLUG, BACK T.D., MD & TVD 8570'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY XX	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None - never completed						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL-FDC-CNL-BHC 3-15-91						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		43.5# N80		294' KB		12-1/4"	
4-1/2"		11.6# N80		8650'		8-1/2"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number) 4518-19 4 spf P&A holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION							
DATE FIRST PRODUCTION Never produced		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST WITNESSED BY							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Mike McMan</u>		TITLE <u>Production Supt.</u>			DATE <u>11/2/90</u>		

\*(See Instructions and Spaces for Additional Data on Reverse Side)

March 13, 1991



State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

**RECEIVED**

MAR 15 1991

**DIVISION OF  
OIL GAS & MINING**

Attn: Ms. Vicky Carney  
Production Group Supervisor

RE: Federal #42-23  
Sec. 23, T14S, R24E  
Federal #11-31 I  
Sec. 31, T9S, R18E  
Uintah County, Utah

Dear Ms. Carney,

In response to your letter dated March 7, 1991, please find enclosed the requested copies of the Dual Induction, Formation Density, Compensated Neutron & Cement Bond logs on the above mentioned wells.

If additional information is needed, please advise.

Sincerely,

Brenda K. Butler  
Operations, Administrative Assistant

/bkb  
Enclosures